Endocrine

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حسبنا الله ونعم الوكيل

① DOC for hypopituitarism is " Hydrocortisone = Cortisone = hydrocorticosteroid "
② The 1st line ttt in Acromegaly is " Trans-sphenoidal Surgery "
③ The DOC in nephrogenic D.I is " Sildenafil "
④ The DOC in hypothyrodism with Coma is " T_3 Injection "
⑤ The DOC in post-menopausal osteoporosis is Bisphosphonate as alendronate, Zolendronate "
⑥ The 1st DOC in paget's disease is " Bisphosphonate "
⑦ The DOC in 2ry hyperparathyroidis is "Active form of Vit. D " Calcitriol " or α-Calcidiol " 1-α-hydroxy chole Calciferol "
⑧ The DOC in Cushing's syndrome is " Metyrapone "
⑨ The DOC in Conn's Syndrome is " Spironolactone "
⑩ The DOC in Congenital Adrenal hyperplasia is " Hydrocortisone "
⑪ The 1st DOC in Turner Syndrome is " Estrogen "
⑫ The Best one in Heavy Menstrual Bleeding is " Mefenamic Acid "
⑬ The DOC in met-hemoglobinemia is "Methyline Blue or Vit. C "

CNS

① The DOC in chronic Psychosis is " Risperidone "
② The 1st DOC in Peripheral Diabetic neuropathy Pain is " Duloxetine "
③ The 2nd DOC in Peripheral diabetic neuropathy Pain is " Amitriptyline "
④ The 3rd DOC in Peripheral Diabetic neuropathy Pain is " Pergabaline "
⑤ The 1st DOC in 1ry "endogenous" Depression is " "
⑤ The 1st DOC in grand Mal epilepsy " Tonic-clonic Seizure " is " Valporic Acid " Depakene " "
⑦ The 1st DOC in Myclonic Seizure is " Valporic Acid = Depakene "
⑧ The 1st DOC in partial Seizure is " Carbamazepine = Tegretol "
⑨ The 1st DOC in petit Mal epilepsy "Absence Seizure " is " Ethosuximide "
⑩ The ttt of epilepsy if persistence of Seizure attack more than 30 min.
The 1st DOC is Lorazepam
The 2nd DOC is Iv phenytoin
The 3rd DOC is propofol " General Anaesthetic drug "
⑪ The 1st DOC in Spasticity is " Baclofen "

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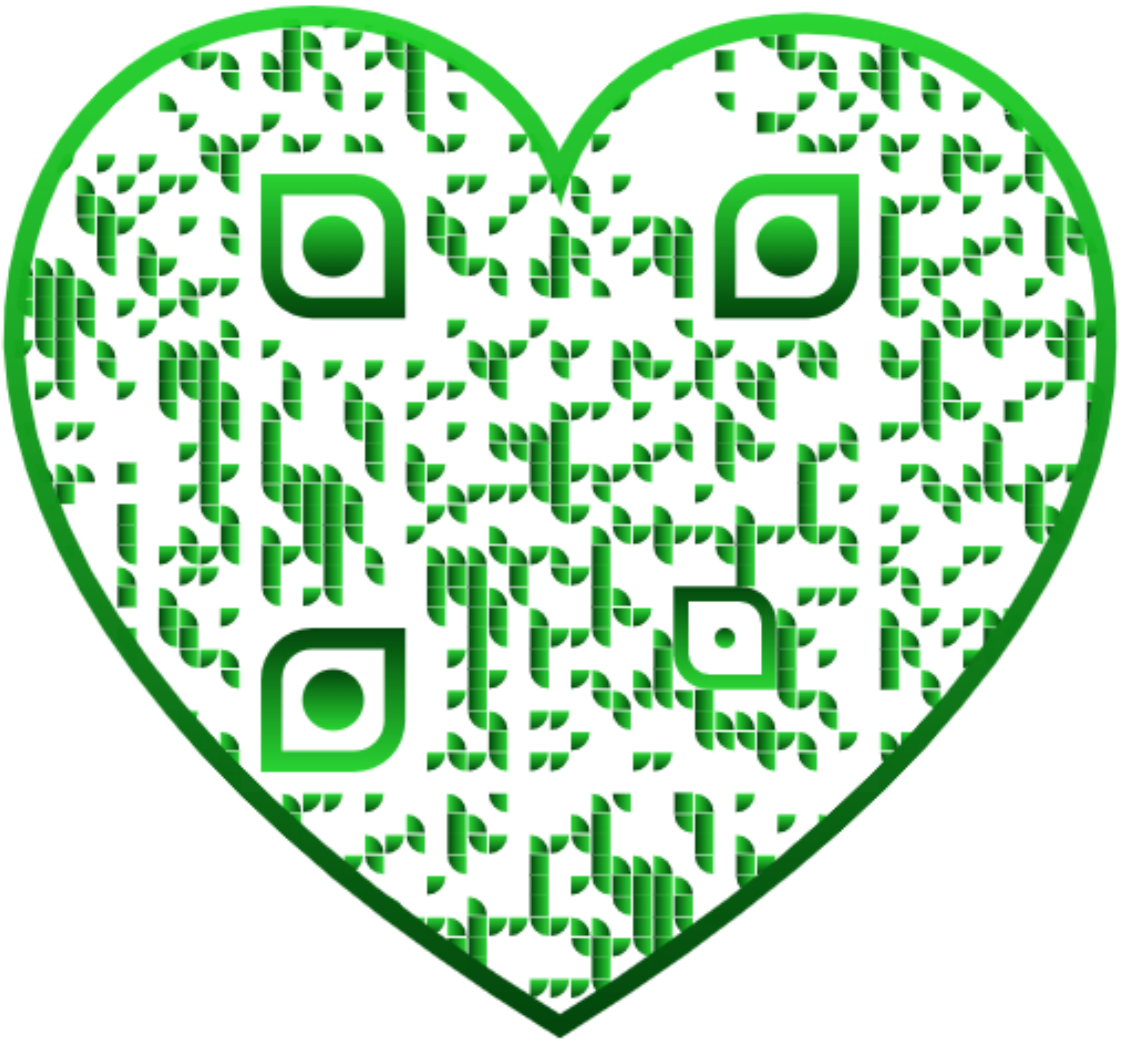

Infectious Diseases

① The Doc for surgical prophylaxis "used before surgical operation is "Cefazoline"

② The 1st Doc in pseudomembranous enterocolitis is "Metronidazole"

③ The 2nd Doc in pseudomembranous enterocolitis is "Vancomycin"

④ The 3rd Doc in pseudomembranous enterocolitis is "fidaxomicin"

⑤ The 1st Doc in Bone Infection "osteomyelitis" that causad by staphylococcus is "Clindamycin"

⑥ The Doc in bruculosis "Mediterranean Fever" is "Doxycyline + Genetamicin" if pregnant "Rifampin"

⑦ The Doc in Cholera is "I.v Fluid with electrolyte + Doxycycline OR Ciprofluxacin For children"

⑧ The Doc in Animal Bites "Not Dog" is "Co-Amoxiclav"

⑨ The 1st Doc in Typhoid Fever is "Ciprofluxacin"

⑩ The 2nd Doc in Typhoid Fever is "Co-trimoxazole" is Combination of "Sulfamethazole + trimethoprim"

⑪ The 3rd Doc in Typhoid Fever is "chloramphenicol"

⑫ The Doc for children & pregnant with Typhoid Fever is "Ceftriaxone"

⑬ The Doc in Toxoplasmosis is "Sulfadiazine + pyrimethamine with Folic Acid" but use "Spiramycin" for pregnant women

Note:- use Folic Acid to prevent Megaloblastic Anemia associated with Pyrimethamine"

⑭ The Doc in Acute Epiglottis "with haemophilus Influenzae is "3rd Generation of Cephalosporin eg "Ceftriaxone"

⑮ The 1st ## in Dengue Fever is "Fluid Resuscitation".

⑯ The Doc in Diphtheria is Benzyl-penicillin = peni. G if patient is Allergic to Benzypenicillin, erythromycin is use Instead.

⑰ The Doc in Whooping Cough is "Macrolides" eg Erythromycin.

⑱ The Doc in Cryptococcal Meningitis is "IV Amphotericin B + Flucytosin"

⑲ The Doc in trichomoniasis is Metronidazole 2gm as single Dose

⑳ The Doc in Syphillis is "Benzathine penicillin" I.M" If patient is Allergic to penicillin use "Doxycyclin"

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(21) The Doc for pelvic Inflammatory disease {
- If cause by chlamydia → "Metronidazole + oflokacin
- If cause by Gonorrhea → "3rd Gr. of cephalosporine "IM Ceftriaxone 500 mg + Oral Erythromycin"

(22) The Doc in Leishmaniasis is "Sodium Stibuglucinate "Pentostam"
- 20 mg/kg/daily x 21 days → In case cutaneous Leishmaniasis,
- 20 mg/kg/daily x 28 days → " " Mucocutaneous & visceral "

(23) The Doc in Filariasis is "Diethyl carbamazine"

(24) The Doc in Anthrax is "ciprofloxacin"

(25) The Doc in onchocerciasis is "Ivermectin"

(26) The Best Drug for prophylaxis from P. falciparum is "Mefloquine"

(27) The Doc in Mild-Moderate P. falciparum Infection is "Coartem Combination of "Artemether + Lumefantrine" 4tablets twice daily for 3 days

(28) The Doc in Severe P. falciparum Infection is:-
1st Doc is "Iv Artesunate 2.4 mg/kg/daily for 4-5 days"
2nd Doc is "Quinine "oral" 600mg/thrice/3-7 days"

(29) The 1st Doc in Cysticercosis of Brain "Cause by T. Saginata" is "praziquental" & 2nd Doc is Nuclosamid

(30) The Doc in all Nematodes is
Albendazole → 400 mg for Adult, 200 mg for child OR Mebendazole 100 mg/twice/3 days

(31) The Doc in all cestodes "Praziquental"

(32) The Doc in All Trematodes

(33) The Doc in Trypanosomiasis African is ⓐ Suramine or pentamiden ⓑ Melarsoprol when it reach CNS

(34) The Doc for Scabies "جرب" :-
ⓐ permethrin 5% = Scabicide "1st Line"
ⓑ Malathioine 0.5% "2nd Line"
ⓒ Benzayl benzate

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Antiviral

① The Doc in chickenpox is "Acyclovir"
② The Doc in Herpes Simplex virus is "Acyclovir"
③ The Doc in Cytomegalovirus "CMV" is "Ganciclovir"
④ The Doc in HCV "Hepatitis-C-virus is "Harvoni that Combination of "Sofosbuvir + Ledipasvir"

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"MRCP"

Drugs Causes gingival hyperplasia :—
① Phenytoin ② Ciclosporin ③ Nifedipine

Drugs that Cause Megaloblastic Anemia :—
① Methotrexate ② pyrimethamine
③ Trimethoprim ④ Sulfasalazine

Drugs that causes gynaecomastica :—
- Spironolactone (Most) Isoniazide
- Cimetidine - Digoxin
ACEI - CCB - α-methyl-dopa

Drug Induce liver Cirrhosis :—
Amiodarone - Methotrexate
Methyldopa

Drug Induce Cholestasis (+/- Hepatitis)
Co-Amoxiclav
Fibrate

Drug Induce / Cause SLE :—
procainamide
Hydralazin (Hydralazine) > "Most Common"

- Statin - Isoniazed - Minocycline
- Quinidine - phenytoin

Drug Induce pancytopaenia :—
Trimethoprim, Chloramphenicol - Penicillamine
Carbimazole "cause Agranulocytosis & pancytopaenia
Carbamazepine "Anti-epileptic"
Sulphonylurease & tolbutamide
Azathioprine therapy "More Common
Mesalazine

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Drug prolongation of QT Interval "Torsade's de pointes" :-

① TCA :- Amitriptylin

② Typical Anti-psychotic eg Chlorpromazine "Phenothiazine"
Haloperidol "Butyrophenone"

③ Antiarrythmic Drug e.g Class Ia → Quinidine, Procainamide
Class III → Amiodarone / Sotalol

④ Macrolides :- eg Erythromycine & Clarithromycine

also Hypocalcemia - Hypokalemia - Hypomagnesemia

Drug Induced parkinsonism :-

① Typical Antipsychotic drug e.g → Chlopromazine "Phenothiazines"
→ Clopenthixol "Thioxanthine"
→ Haloperidol "Butyrophenone"

② Metoclopramide

Drug cause Blue Tinge in vision is → Sildenafil
" " Yellow-green tinge is → Digoxin
* Drug cause Cataract → Steroid as Corticosteroid

- Drug Cause optic neuritis or visual disturbance :-
  - Ethambutol - Amiodarone - Metronidazole
  - Chloroquine, quinine - hydroxy chlorquine "Anti-malaria"
- Drug Induce Ototoxicity :-
  - Aminoglycosides "Streptomycin"
  - Loop Diuretic - quinine - Salicylate
- Drug Induce Seizures
  Isoniazid - Bupropion, Imipenem - Tramadol - Enflurane
  I BITE my tongue

- Drug cause Weight loss :-
  Thyroxine - Laxative * Metformin
  Orlistat

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Drug Induce Thrombocytopenia :—

Quinine — Abciximab — NSAIDS

Furosemide — penicillin — Sulphonamide — Rifampicin

— Carbamazepine — Valproate — Heparin

Drug Induce Hyperglycemia :—

— Corticosteroid — Thiazide diuretic

— Theophylline — B_2-agonist — Caffine

— Diazoxide — Danazol

— Atypical Anti-psychotic Drug

— Statin

Drug Induce Hypoglycemia :—

— Insulin — Suphonylureas — Salicylates

— Sodium Valproate — propranolol

— Quinidine, Quinine, Chloroquine, Mefloquine

Drug cause Weight gain :—

— TCA — Sulfonylureas

Thiazolidinedione — Ethosuximide

Meglitinide « Less Weight gain »

COCP
Octerotide → Gall Stones

* Amiodarone
* Methotrexate
Chemotherapy drug like "bleomycin" → pulmonary fibrosis

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Drug Induce Hypertrichosis :—

① Minoxidil ② Phenytoin
③ Ciclosporin ④ Diazoxide

Drug Induce Hepatotoxicity :—

- TCA - phenytoin - Carbamazepine
- Felbamate - MAOIs - Sulfonyureas
- Thiazolidinedione - propyl thiouracil "Antithyroid"
- glibenclamide

Drug Cause Teratogenesis :—

① Androgen ② Alcohol ③ Carbamazepine
④ Diethylstilbestrol ⑤ Lithium
⑥ phenobarbitol ⑦ Sodium valporate
⑧ Thalidomide ⑧ Warfarin

Unwanted Drug effects in pregnancy :—

① ACEIs ② Aspirin
③ B-Blocker ④ Carbimazole
⑤ NSAIDs ⑥ Sulphonamides
⑦ Thiazid diuretis

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"Monoclonal Antibody"

① Abciximab : Anti-platelet
Use for Acute Coronary syndrome « surgry »

② Infliximab
③ Adalizumab → Anti-TNF used for IBD & R. arthritis

④ Omalizumab → Anti-IgE
Used for Asthma

⑤ Rituximab → Anti-CD20
use in CLL & NHL « Non Hodgkin's lymphoma

★ ⑥ Eculizumab → Anti-C5
use in PNH « paroxysmal Nocturnal haemoglobinuria »

⑦ Natalizumab :→ prevent enter of lymphocyte into Brain
use in Multiple Sclerosis

⑧ Ranizumab →
Inhibits Vascular endothelial Growth factor.
Use in Retinal hemorrhage « Macular degeneration ».

⑨ Denosumab → MoA :- Anti-RANK ligand, Inhibit maturation osteoclast & ⊕ osteoblast
Use :- in postmenopausal osteoporosis of women

★ ⑩ Trastuzumab → Non hormonal dependent Breast Cancer
S.E :- Cardiotoxicity

⑪ Idarizumab → Antidote for "Dabigatran" Use

⑫ Palivizumab → MoA :- Anti-virus
use Anti-Respiratory Syngtial virus ⟶ (it lead to) Bronchiolitis
in Children So, it prevent by Palivizumab

⑬ Cetuximab → MoA :- Anti-EDGFR « Endothelial ~~Growth~~ Derived Growth factor Receptor »

⑭ Belimumab →
Use for SLE

⑮ Ustekinumab → MoA :- Anti-IL 23, 12
Use for Psoriatic Arthritis.

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